



CONSTRUCTION *update*

DEC.
2016

HIGH-SPEED RAIL: A YEAR OF PROGRESS

Construction of the high-speed rail system in the Central Valley made significant progress in 2016 with work expanding to more than 119-miles of the spine of the system. In February, the third construction contract was executed bringing the total investment in the region to more than \$3 billion. In Madera and Fresno Counties, there is visible work at nine locations in which structures are taking shape that will support passenger rail service connecting the Central Valley to the Silicon Valley in 2025. Advancing high-speed rail in the Central Valley is putting Californians to work and improving the regional economy. Over 80% of the trade workers doing construction are from the Central Valley, which has some of the highest unemployment rate in the United States.

As we look ahead to 2017, more active construction sites will come online between Madera and Kern County. To see the progress we made in 2016, watch the videos below for a year in pictures at the Fresno River Viaduct, Tuolumne Street Bridge and Cedar Viaduct.

Fresno River Viaduct



Tuolumne Street Bridge



Cedar Viaduct



CEDAR VIADUCT | SOUTH FRESNO

Along State Route 99 (SR 99) near the intersection of North and Cedar Avenues in south Fresno, more temporary support, called falsework, is being assembled for the Cedar Viaduct. Crews are now constructing the walls and undersurface of the viaduct's superstructure, which is known as the soffit and stems of the structure. When complete, the Cedar Viaduct will carry high-speed rail trains over SR 99.





FRESNO RIVER VIADUCT | NEAR MADERA

This month, construction crews made one final concrete pour for the deck of the Fresno River Viaduct, bringing this structure in Madera County another step closer to completion. The next phase of work will include taking down falsework surrounding the deck over State Route 145 and construction of the viaduct's barrier walls.



ROAD 27 | MADERA

At Road 27 near Avenue 17 in Madera County, a drill rig is being used to bore holes into the ground at one of 18 column locations on the south side of the BNSF rail crossing. Ironworkers are assembling rebar cages that will be lowered into shafts and then filled with concrete. The overpass will allow Road 27 traffic to safely cross both the existing BNSF railroad tracks and the future high-speed rail lines.



AVENUE 8 | MADERA COUNTY

Major progress can be seen in the construction of a new grade separation at Avenue 8 near Road 33. That's just east of SR 99 in Madera County. As fill-dirt is trucked and compacted nearby, crews are setting the final blocks in place for the retaining walls for the crossing over high-speed rail.



SAN JOAQUIN RIVER VIADUCT

NORTH FRESNO

Drilling continues on the north bank of the San Joaquin River as crews work on constructing the foundations to place rebar support piers for the 4,700-foot viaduct. The viaduct, located in north Fresno, will be the largest structure built for the first construction phase of the high-speed rail project.



FRESNO TRENCH & SR 180 PASSAGEWAY | FRESNO

Stage 1 of construction for the Fresno Trench is underway, with one lane of westbound traffic on State Route 180 (SR 180) now shifted across to the eastbound side of the highway. Below the north side of SR 180, crews continue drilling hundreds of shafts and installing rebar for protective barrier walls between the high-speed rail and Union Pacific rail lines. The two-mile long trench will take high-speed trains about 40 feet below ground to cross under a rail spur, a canal and SR 180.



contact

TONI TINOCO
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
(559) 274-8975 | TONI.TINOCO@HSR.CA.GOV

DAN GALVIN
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
(559) 490-6863 | DANIEL.GALVIN@HSR.CA.GOV